

CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A radio frequency (RF) tuner comprising:
 - a tuner housing;
 - a cover coupled to a first side of said housing; and
 - a tuner printed circuit board (PCB) ~~including a plurality of layers~~ coupled to a second side of said housing wherein the PCB comprises a component connection layer, a first ground layer for a first set of signal path circuitry, a second ground layer for a second set of signal path circuitry and a third ground layer that does not have any signal path circuitry the- wherein ~~said layers are the third layer is~~ configured to shield ~~said the~~ tuner PCB.
2. (Original) The RF tuner of claim 1, wherein said tuner PCB further comprises:
 - a plurality of finger connector extrusions formed in said tuner PCB;
 - said connector extrusions being configured to electrically couple said tuner PCB to a second PCB.
3. (Currently amended) The RF tuner of claim 2, wherein said RF tuner further comprises is a vertical mount tuner.
4. (Original) The RF tuner of claim 1, wherein said tuner housing further comprises:
 - a plurality of support members;

a plurality of extrusions, said extrusions being configured to extrude through a plurality of corresponding orifices in said tuner PCB; and

a plurality of ribs configured to receive a corresponding plurality of clip tabs of said cover.

5. (Cancelled)

6. (Original) The RF tuner of claim 1, further comprising a network connector communicatively coupled to said tuner PCB.

7. (Original) The RF tuner of claim 6, wherein said network connector comprises a coaxial cable connector.

8-9. (Cancelled)

10. (Currently amended) The RF tuner of claim 8 1, further comprising a plurality of plated through holes disposed in ~~said top layer, said intermediate layer, and said bottom layer component connection layer, the first ground layer, the second ground layer and the third ground layer.~~

11. (Currently amended) The RF tuner of claim 8 1, wherein said tuner PCB further comprises:

a plurality of finger connector extrusions formed in said top the component connection layer, said intermediate the first ground layer layer, and said bottom the second ground layer and the third ground layer;

said connector extrusions being configured to electrically couple said tuner PCB to a second PCB.

12. (Original) The RF tuner of claim 11, wherein said second PCB comprises a main PCB of a set-top box.

13. (Original) The RF tuner of claim 8, wherein said tuner components comprise:
an up-converter variable crystal oscillator (VCO); and
a down-converter VCO.

14. (Currently amended) A set-top box comprising:
a chassis;
a tuner coupled to said chassis;
a demodulator communicatively coupled to said tuner; and
a central processing unit (CPU) communicatively coupled to said demodulator;
wherein said tuner includes a tuner housing, a cover coupled to a first side of said housing, and a tuner printed circuit board (PCB) including a component connection layer, a first ground layer for a first set of signal path circuitry, a second ground layer for a second set of signal path circuitry and a third ground layer that does not have any signal path circuitry plurality of layers coupled to a second side of said housing, wherein said

~~layers are~~ the third layer is configured to shield said tuner PCB.

15. (Original) The set-top box of claim 14, wherein said tuner further comprises:
 - a plurality of finger connector extrusions formed in said tuner PCB; said connector extrusions being configured to electrically couple said tuner PCB to a second PCB.
16. (Original) The set-top box of claim 15, wherein said second PCB comprises a main PCB of said set-top box.
17. (Original) The set-top box of claim 14, wherein said tuner ~~further comprises~~ is a vertical mount tuner.
18. (Original) The set-top box of claim 14, wherein said tuner housing further comprises:
 - a plurality of support members;
 - a plurality of extrusions, said extrusions being configured to extrude through a plurality of corresponding orifices in said tuner PCB; and
 - a plurality of ribs configured to receive a corresponding plurality of clip tabs of said cover.
19. (Cancelled)

20. (Currently amended) The set-top box of claim 19 18, further comprising a plurality of plated through holes disposed in ~~said top layer, said intermediate layer, and said bottom layer~~ the component connection layer, the first ground layer, the second ground layer and the third ground layer.

21. (Currently amended) The set-top box of claim 19 18, wherein said tuner components comprise:

an up-converter variable crystal oscillator (VCO); and
a down-converter VCO.

22-30 (Cancelled)